

SERVICE INFORMATION LETTER

OXYGEN (ATA SYSTEM 35), Revised 5009, 5041, 5507 Series Outlet Assemblies Used on Portable Oxygen Units

1. Reason

This Service Information Letter (SIL) contains information that supplements and/or replaces information about the 5009, 5041, and 5507 Series Outlet Assemblies that are subassemblies of the 5500, 5600, 803240, 9700 and 9800 Series Portable Oxygen Units manufactured by Scott Aviation (Vendor Code 53655).

The outlet assemblies with the adjustable flow orifice referenced in this SIL had a product improvement in November 1994 that:

- incorporates fewer parts, and
- eliminates the task of adjusting the flow rate during testing.

The outlet assemblies with the product improvement have a precision-drilled orifice that controls the flow rate and does not require adjustment.

Included in this SIL is a table that contains revised data for the outlet assemblies with the adjustable flow orifice; identification and test parameters of the outlet assemblies with the precision-drilled orifice; and Disassembly, Assembly, Testing and "HI" / "LO" marking for all outlet assemblies.

Appendix A has the figures and parts lists for the outlet assemblies.

2. Effectivity

A. Effected Aircraft: Any.

B. Effected Portable Oxygen Units:

Effected Scott Portable Oxygen Units	Effected Component Maintenance Manual (CMM)
5500 Series	35-30-78
5600 Series	35-30-78
803240 Series	35-31-81
9700 Series	35-31-55
9800 Series	35-31-55

C. Effected Outlet Assemblies:

Effected Scott Outlet Assemblies
5009 Series
5041 Series
5507 Series

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3. Special Tools and Equipment (Equivalents may be substituted.)

NOMENCLATURE	PART NUMBER	MANUFACTURER (with Vendor Code)
Flowmeter (0.62 - 6.2 slpm, for use with 0.5 thru 4.5 lpm outlet assemblies) (2.3 - 23 slpm, for use with 2.5 thru 8 lpm outlet assemblies)	Model # 1110 Series P/N 1110CC71DBGAA P/N 1110CG41DBGAA	Emerson Electric Co. Brooks Instrument Div. Hatfield, PA 19440-3052 USA (V91556)
Pressure Gauge (0-200 psi (1.38 MPa))	1403 Series	Ametek, U.S. Gauge Div. Sellersville, PA 18960-2625 USA (V61349)
Mating Connector: 5009 Series Outlet 5041 Series Outlet 5507 Series Outlet	Scott Part Number: 5065-10 29559-00 14807-00	Scott Aviation Lancaster, NY 14086-9502 USA (V53655)
Regulator, Test (2-150 psi (.01-1.03 MPa))	Model # 26-1600 Series P/N 26-1611-24	Tescom Corp. Pressure Controls Division Elk River, MN 55330-2445 USA (V5H642)
Rubber Ink Stamps with 1/8 inch (.32 cm) tall characters that indicate: "HI" and "LO"	-----	Local Vendor

4. Materials (Equivalents may be substituted, except for oxygen-compatible lubricant.)

MATERIAL	PART NUMBER	MANUFACTURER (with Vendor Code)
Red Etching Ink	P/N S-1141 (Scott Part Number 50792-01)	Marking Device Mfg. Co. Philadelphia, PA 19133-2891 USA (V26040)
Green Etching Ink	P/N AX GREEN (Scott Part Number 50791-01)	Speciality Ink Co., Inc. Deer Park, NY 11729-4702 USA (V18029)
Leak Test Solution	Sherlock Leak Detector, Type 1 MIL-L-25567D	Winton Products Charlotte, NC 28236 USA (V23316)
Oxygen-Compatible Lubricant	Krytox 240 AC (Scott Part Number 50527-00)	DuPont E. I. DeNemours & Co., Inc. Wilmington, DE 19899 USA (V18873)
Test Gas	Oxygen (MIL-O-27210, Type 1) (refer to Note 1)	Local Vendor
Thread Sealing Tape	¼ inch (.64 cm) wide, PTFE Ribbon Dope (MIL-T-27730, Size 1) (Scott Part Number 50011-00)	Local Vendor
Note 1: Oxygen (MIL-O-27210, Type 1) is the test gas specified in the Outlet Assembly Test in this SIL. If nitrogen or air (specified in Note 2) is used for the test gas, the applicable test parameters must have the appropriate density correction factors calculated and used, and the test equipment must be calibrated for the test gas. Note 2: Nitrogen, MIL-P-27401, Type 1. Air, oxygen-quality conforming to the following: - 3 parts per million maximum total hydrocarbons by weight. - No particles greater than 100 microns. - Maximum of 0.02 milligram water vapor per liter of gas at 70 °F (21 °C) and 760 mm Hg (Equivalent dew point -68 °F at 760 mm Hg).		

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5. Warnings

WARNING:

ANY SERVICE OR OVERHAUL PERFORMED ON THESE OUTLETS OR PORTABLE OXYGEN UNITS SHALL BE DONE ONLY BY THOSE FACILITIES EXPERIENCED IN, OR BY PERSONNEL KNOWLEDGEABLE IN, AVIATION OXYGEN EQUIPMENT. IF NONE ARE KNOWN, CONTACT SCOTT AVIATION OR ITS DISTRIBUTORS FOR NAMES OF AUTHORIZED SERVICE CENTERS. IMPROPER USE OR IMPROPER MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

ALL PROCEDURES DESCRIBED IN THIS DOCUMENT SHALL BE PERFORMED IN AN AREA FREE OF OIL, GREASE, FLAMMABLE SOLVENTS OR OTHER COMBUSTIBLE MATERIALS. COMBUSTIBLE MATERIALS THAT IGNITE WHEN EXPOSED TO OXYGEN MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

DO NOT ALLOW DUST, LINT, FINE METAL FILINGS, OIL, GREASE, AND FLAMMABLE SOLVENTS OR OTHER COMBUSTIBLE MATERIALS TO COME IN CONTACT WITH PARTS THAT WILL BE EXPOSED TO PRESSURIZED OXYGEN. THESE MATERIALS ARE POTENTIAL SOURCES OF EXPLOSION WHEN EXPOSED TO PRESSURIZED OXYGEN AND MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

6. Details

There are two different types of outlet assemblies that are referenced in this SIL. The first type is the original outlet assembly that has an adjustable flow rate (referred to as: adjustable outlet). The other type, that has a precision drilled orifice, is tested for a specific flow rate and does not require adjustment (referred to as: precision outlet).

The precision outlets have replaced the adjustable outlets and have not changed in either fit or function.

A. Identification of Parts

The precision outlets have special markings, flow rate settings and altitude settings stamped into the exterior of the outlet body. The adjustable outlets do not have the special markings, but do have the flow rate and altitude settings. Refer to the following information and Figure 1 for details of the special markings stamped into the outlet body.

(1) 5009 Series Outlet Assembly

The special marking for these precision outlets is shown by both the Scott name and 5009 underlined on the outlet body.

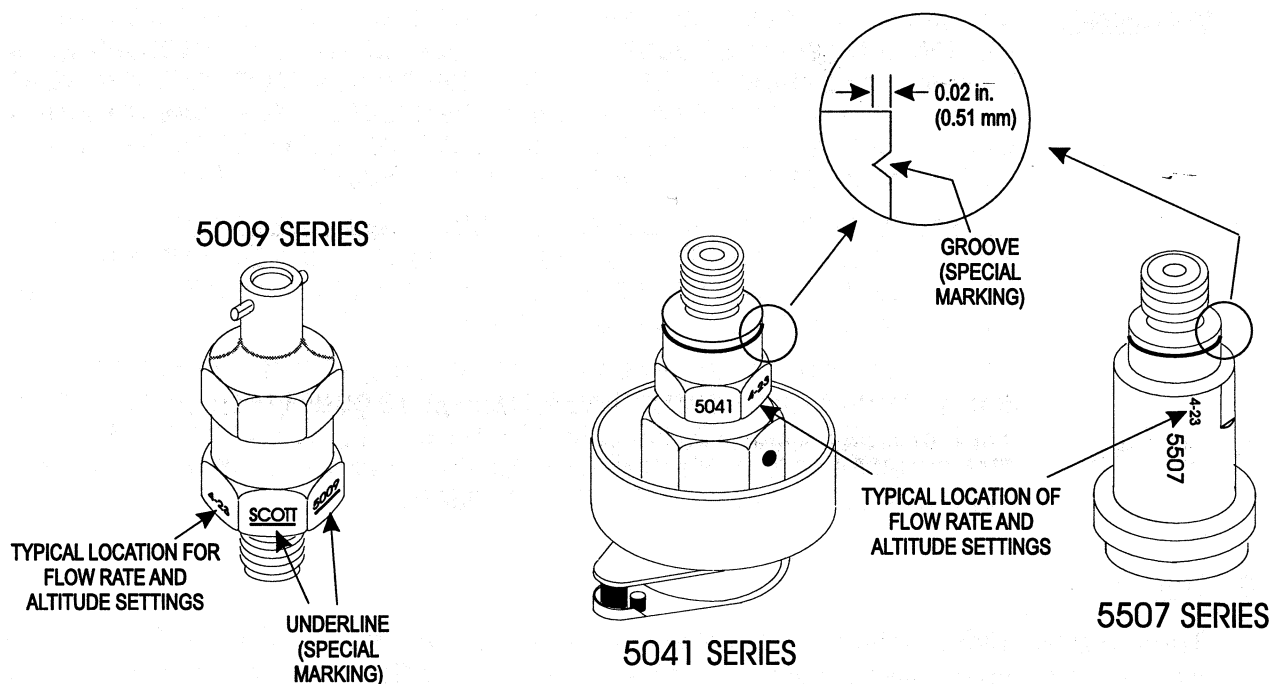
(2) 5041 Series Outlet Assembly

The special marking for these precision outlets is shown by a groove ("V" cut, 0.020 in / 0.51 mm deep) marked into and around the outside of the outlet body.

(3) 5507 Series Outlet Assembly

The special marking for these precision outlets is shown by a groove ("V" cut, 0.020 in / 0.51 mm deep) marked into and around the outside of the outlet body.

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Precision Outlet Markings
Figure 1

6. Details (Continued)

B. Outlet Assembly Replacement and Parts

Refer to Figure 2 for the Portable Oxygen Unit Part Number Configuration Matrix.
Refer to Figure 3 for the Outlet Assembly Part Number Configuration Matrix.

When ordering an outlet assembly, the basic part number, flow rate setting and altitude setting must all be specified (refer to Figure 3 on page 6 for ordering information). If adjustable outlets require replacement parts, it may be necessary to procure a new outlet because some of the parts for the adjustable outlet may be out of production and not available. Refer to Appendix A for replacement parts for the outlet assemblies.

If replacement of an outlet assembly is necessary and Scott does not offer a precision outlet with the same flow rate or altitude setting (e.g., out of production), a replacement using the next higher flow rate setting at the same altitude is recommended (e.g., adjustable outlet is 5009-2.7-23, a replacement for the precision outlet is 5009-3-23).

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BASIC PART NUMBER 5500, 5600,
9700, 9800 - □□□□ - □□□

RESPIRATOR / REGULATOR

(Used Only on 5600 & 9800 Series) _____

CYLINDER ASSY WITH
REGULATOR, SERIES _____

CYLINDER FINISH _____

HARNESS ASSEMBLY _____

Note: Do not use this matrix for creating part numbers. This matrix is only used to illustrate the format of a part number.

OUTLET FLOW RATE SETTINGS _____

Config. Letter	A	B	C	D	E	F	G	H	L	Y
Flow Rate (lpm)	0.5	2.0	2.5	2.7	3.0	4.0	7.0	8.0	4.5	FULL FLOW

NOTE: There may be 1, 2 or 3 Config. Letters in the P/N.

NOTE: Outlet Part Numbers with Config. Letters M, N & S are full flow outlets.

OUTLET ALTITUDE SETTINGS _____

Config. Number	5	10	15	20	23	25	30
Altitude (ft/meters)	5,000/ 1,520	10,000/ 3,050	15,000/ 4,570	20,000/ 6,100	23,000/ 7,010	25,000/ 7,620	30,000/ 9,140

NOTE: The 0 in place of the Outlet Altitude Settings is used with only full flow outlets.

OUTLET PART NUMBERS _____

Config. Letter	A	B	D
Part Number	5009 Series	5041 Series	5507 Series

NOTE: To order replacement Outlets, refer to Figure 3, Outlet Assembly Part Number Config. Matrix.

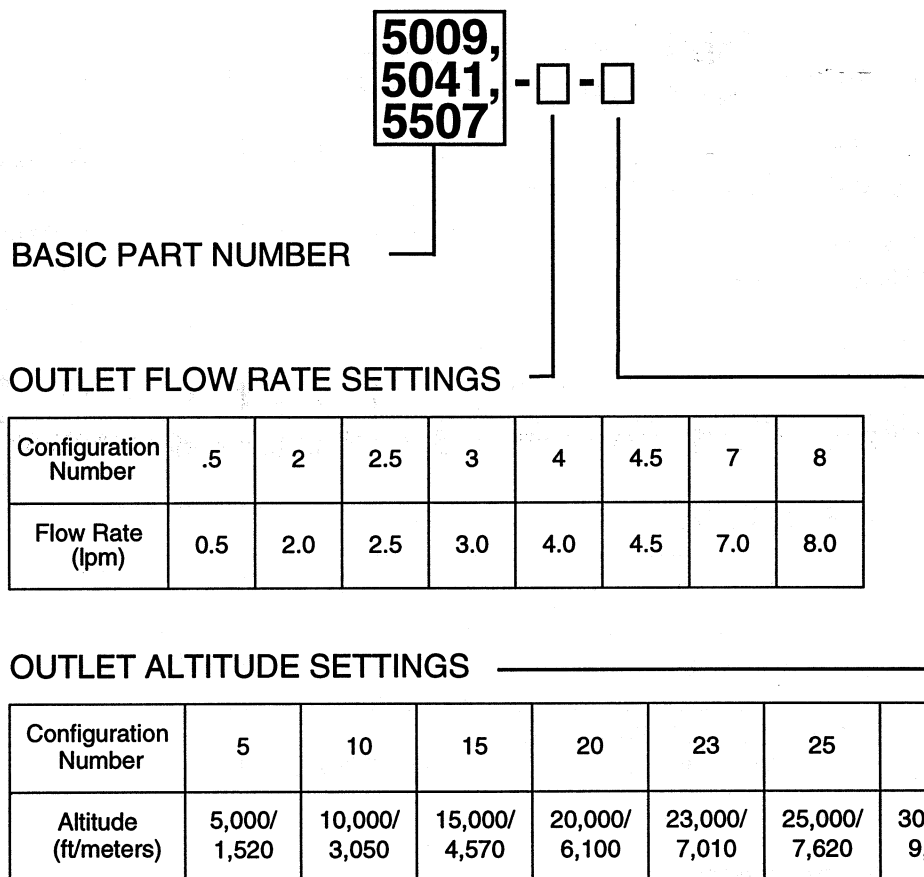
NOTE: Only the outlet assemblies referenced in this SIL are shown.

NOTE: There may be 1 or 2 Config. Letters in the P/N.

Portable Oxygen Unit Part Number Configuration Matrix
Figure 2

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ORDERING INFORMATION:

1. When ordering an outlet assembly, use the Basic Part Number with the Configuration Numbers for the Outlet Flow Rate Settings and Outlet Altitude Settings shown above.
2. The 5009-00 part number is replaced by the 5009-□-□ part number. The 5041-00 part number is replaced by the 5041-□-□ part number. The 5507-00 part number is replaced by the 5507-□-□ part number. Use the information shown above to determine the complete part number for your specific outlet assembly.

For example, 5041-00 that is set for 2 lpm at 20,000 feet (6100 meters) altitude is replaced by 5041-2-20.

Outlet Assembly Part Number Configuration Matrix
Figure 3

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7. Disassembly of Outlet From Portable Oxygen Unit

WARNING: FAILURE TO SET THE ON/OFF VALVE TO THE FULLY CLOCKWISE POSITION (OFF) BEFORE REMOVING PARTS FROM THE PORTABLE OXYGEN UNIT MAY CAUSE SERIOUS INJURY OR DEATH.

- A. Make sure that the handle of the ON/OFF valve on the portable oxygen unit is set to the fully clockwise position (OFF).
- B. Record the position of the outlet assembly on a piece of paper.
- C. Unthread the outlet assembly counterclockwise from the portable oxygen unit.

8. Outlet Disassembly

- A. 5009 Series Outlet (refer to Appendix A, Figure A1 for item numbers)

NOTE: Replacement parts are not available for: outlet subassembly (-20, -20A), flow port (70), filter (80), retaining ring (90), gasket (100), stud (110, 110A), cord (120), screen (130), orifice adj. screen (140) and/or series orifice (150). Do not disassemble these parts.

- (1) Unthread and remove receptacle (30) counterclockwise from stud (110, 110A).
- (2) Remove spring (60), valve (50) and gasket (40) from receptacle (30). Discard gasket.

- B. 5041 Series Outlet (refer to Appendix A, Figure A2 for item numbers)

NOTE: Replacement parts are not available for: screw (10), screen (20), cord (30), outlet subassembly (-40, -40A), body (50, 50A) and/or series orifice (160). Do not disassemble these parts.

- (1) Unthread nut (150) counterclockwise and remove nut and dust cover (140).
- (2) Remove washer (115) and cap (110) from case (120).
- (3) Remove springs (90) from pins (130).
- (4) Loosen setscrew (100) counterclockwise in case (120) and unthread body (50, 50A) counterclockwise from case.
- (5) Remove spring (60), valve (70) and valve seat (80) from case (120). Discard valve seat.

- C. 5507 Series Outlet (refer to Appendix A, Figure A3 for item numbers)

NOTE: Replacement parts are not available for: screw (10), screen (20), cord (30), outlet assembly (-40, -40A), body (50, 50A) and/or series orifice (150). Do not disassemble these parts.

- (1) Unthread screw (140) counterclockwise and remove.
- (2) Remove torsion spring (120) and dust cover (130) from threaded adapter assembly (110).
- (3) Unthread adapter assembly (110) counterclockwise from body (50, 50A).
- (4) Remove flattened washer (100), washer (90), gasket (80), poppet (70) and flow stop spring (60) from body (50, 50A). Discard gasket.

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9. Assembly of Outlets

A. 5507 Series Outlet (refer to Appendix A, Figure A3 for item numbers)

NOTE: Replacement parts are not available for: screw (10), screen (20), cord (30), outlet assembly (-40, -40A), body (50, 50A) and/or series orifice (150). For replacement of any of these items, a precision outlet is available. Refer to Figure 3 on page 6 for ordering information about an outlet assembly.

- (1) Apply oxygen-compatible lubricant to a new gasket (80) and install flow stop spring (60), poppet (70), gasket (80), washer (90) and flattened washer (100) into body (50, 50A).
- (2) Install and tighten threaded adapter assembly (110) clockwise into body (50, 50A).
- (3) Place dust cover (130) and torsion spring (120) over screw (140). Install and tighten screw clockwise into threaded adapter assembly (110) with dust cover and torsion spring attached.

B. 5041 Series Outlet (refer to Appendix A, Figure A2 for item numbers)

NOTE: Replacement parts are not available for: screw (10), screen (20), cord (30), outlet subassembly (-40, -40A), body (50, 50A) and/or series orifice (160). For replacement of any of these items, a precision outlet is available. Refer to Figure 3 on page 6 for ordering information about an outlet assembly.

- (1) Apply oxygen-compatible lubricant to a new valve seat (80) and install valve seat, valve (70) and spring (60) into case (120).
- (2) Install and tighten body (50, 50A) clockwise into case (120).
- (3) Tighten setscrew (100) clockwise into case (120).
- (4) Set pins (130) into grooves on the exterior of case (120) and attach springs (90) onto pins.
- (5) Place cap (110) and washer (115) over case (120). Install dust cover (140) and nut (150) and tighten nut clockwise onto case.

C. 5009 Series Outlet (refer to Appendix A, Figure A1 for item numbers)

NOTE: Replacement parts are not available for: outlet subassembly (-20, -20A), flow port (70), filter (80), retaining ring (90), gasket (100), stud (110, 110A), cord (120), screen (130), orifice adj. screen (140) and/or series orifice (150). For replacement of any of these items, a precision outlet is available. Refer to Figure 3 on page 6 for ordering information about an outlet assembly.

- (1) Apply oxygen-compatible lubricant to a new gasket (40) and install gasket, valve (50) and spring (60) into receptacle (30).
- (2) Install and tighten receptacle (30) onto stud (110, 110A).

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10. Outlet Assembly Test

Refer to Figure 4 for the Outlet Assembly Test Setup. Refer to the *Minimum - Maximum* range for the Required Ground Level Flow Rate for the adjustable outlets given in Table 1 and for the precision outlets given in Table 2.

- A. Attach the outlet assembly to the test equipment as shown in Figure 4. Apply leak test solution to all the connections of the test equipment and the outlet assembly. Adjust the test regulator to an input pressure of 55 ± 2 psig (0.38 ± 0.014 MPa) as shown on the pressure gauge. If any connections leak, decrease the pressure at the connections to 0 psig (0 MPa) and then tighten them so that they do not leak.
- B. With 55 ± 2 psig (0.38 ± 0.014 MPa) at the input of the outlet assembly, measure the ground level flow rate of the outlet assembly on the flowmeter. The flow rate must be within the *Minimum - Maximum* range for the Required Ground Level Flow Rate given in Table 1 (adjustable outlets) or Table 2 (precision outlets).

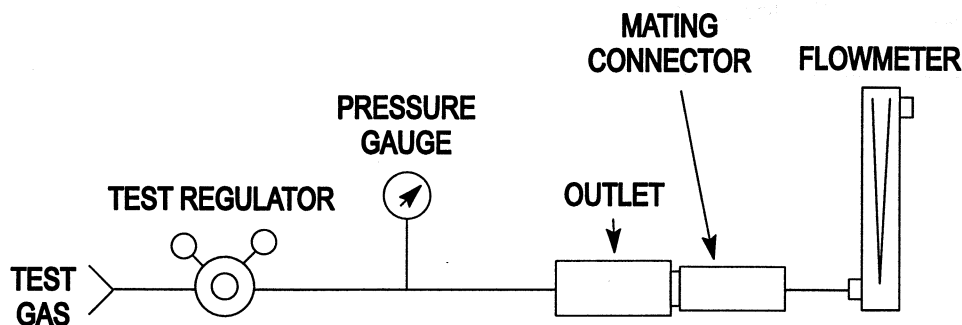
NOTE: The outlet assembly has the flow rate and altitude settings stamped into the outlet body (for an illustration of the typical locations of the flow rate and the altitude settings, refer to Figure 1 on page 4).

If the ground level flow rate for the outlet assembly is **not** within the *Minimum - Maximum* range for the Required Ground Level Flow Rate, the outlet assembly must be serviced or replaced.

NOTE: Some of the replacement parts for the adjustable outlets are not available and no longer in production. However, the precision outlets are available and require no adjustment.

WARNING: DO NOT REMOVE AN OUTLET ASSEMBLY WHEN IT IS CONNECTED TO PRESSURIZED OXYGEN OR SERIOUS INJURY OR DEATH MAY OCCUR.

- C. Decrease the pressure of the test gas at the input of the outlet assembly to 0 psig (0 MPa) and then disconnect the outlet assembly from the test equipment.
- D. Repeat steps A. thru C. above for all outlet assemblies referenced in this SIL that are attached to the portable oxygen unit under test.



Outlet Assembly Test Setup
Figure 4

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Table 1
Adjustable Outlet Flow Rate

Outlet Flow Rate Setting (shown on outlet body) in liters/min. (STPD, 760 mm Hg, 0° C)	Altitude Setting (shown on outlet body) in feet X 1000 (meters X 1000)						
	5 (1.52)	10 (3.05)	15 (4.57)	20 (6.10)	23 (7.01)	25 (7.62)	30 (9.14)
	Required Ground Level Flow Rate in liters/min., <i>Minimum - Maximum</i> range (NTPD, 760 mm Hg, 21° C)						
.5	0.67 - 0.74	0.86 - 0.95	0.90 - 1.00	0.92 - 1.02	0.94 - 1.04	0.95 - 1.05	1.03 - 1.13
2	2.33 - 2.57	2.50 - 2.76	2.58 - 2.86	2.64 - 2.92	2.68 - 2.96	2.70 - 2.98	2.76 - 3.06
2.5	2.91 - 3.21	3.04 - 3.36	3.09 - 3.41	3.23 - 3.57	3.26 - 3.60	3.28 - 3.62	3.30 - 3.64
2.7	3.16 - 3.50	3.33 - 3.69	3.39 - 3.75	3.46 - 3.82	3.50 - 3.86	3.52 - 3.90	3.58 - 3.96
3	3.44 - 3.80	3.66 - 4.04	3.77 - 4.17	3.85 - 4.25	3.91 - 4.33	3.94 - 4.36	3.99 - 4.41
4	4.59 - 5.07	4.72 - 5.22	4.85 - 5.37	4.94 - 5.46	5.00 - 5.52	5.04 - 5.58	5.11 - 5.65
7	7.98 - 8.82	8.12 - 8.98	8.27 - 9.15	8.36 - 9.24	8.43 - 9.31	8.46 - 9.36	8.55 - 9.45
8	9.12 - 10.08	9.26 - 10.24	9.41 - 10.40	9.50 - 10.50	9.57 - 10.57	9.60 - 10.62	9.74 - 10.76

HOW TO USE THIS TABLE:

1. Find the flow rate setting of the adjustable outlet in the left column (e.g., 2 liters/min.).
2. Follow the row across to the altitude setting (e.g., 23,000 feet or 7010 meters).
3. Make sure that measured flow rate of the outlet assembly under test is between the *Minimum - Maximum* range for the Required Ground Level Flow Rate (e.g., 2.68 - 2.96 liters/min.).

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Table 2
Precision Outlet Flow Rate

Outlet Flow Rate Setting (shown on outlet body) in liters/min. (STPD, 760 mm Hg, 0° C)	Altitude Setting (shown on outlet body) in feet X 1000 (meters X 1000)						
	5 (1.52)	10 (3.05)	15 (4.57)	20 (6.10)	23 (7.01)	25 (7.62)	30 (9.14)
	Required Ground Level Flow Rate in liters/min. <i>Minimum - Maximum</i> range (NTPD, 760 mm Hg, 21° C)						
.5	N/A			0.95 - 1.05	0.95 - 1.05	0.95 - 1.05	0.95 - 1.05
2	2.47 - 2.73	2.47 - 2.73	2.66 - 2.94	2.66 - 2.94	2.66 - 2.94	2.66 - 2.94	2.66 - 2.94
2.5	N/A			3.23 - 3.57	3.23 - 3.57	3.23 - 3.57	3.23 - 3.57
3	N/A			3.90 - 4.30	3.90 - 4.30	3.90 - 4.30	3.90 - 4.30
4	4.75 - 5.25	4.75 - 5.25	4.94 - 5.46	4.94 - 5.46	4.94 - 5.46	4.94 - 5.46	4.94 - 5.46
4.5	N/A			5.60 - 6.20	5.60 - 6.20	5.60 - 6.20	5.60 - 6.20
7	N/A			8.46 - 9.34	8.46 - 9.34	8.46 - 9.34	8.46 - 9.34
8	N/A			9.50 - 10.5	9.50 - 10.5	9.50 - 10.5	9.50 - 10.5
HOW TO USE THIS TABLE: 1. Find the flow rate setting of the precision outlet in the left column (e.g., 2 liters/min.). 2. Follow the row across to the altitude setting (e.g., 23,000 feet or 7010 meters). 3. Make sure that measured flow rate of the outlet assembly under test is between the <i>Minimum - Maximum</i> range for the Required Ground Level Flow Rate (e.g., 2.66 - 2.94 liters/min.). NOTE: N/A indicates that this combination of flow rate setting and altitude setting is not available in a precision outlet.							

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11. Assembly of Outlets to Portable Oxygen Unit

- A. Apply thread sealing tape to the outlet assembly in accordance with MIL-T-27730.
- B. Attach the outlet assembly into the portable oxygen unit in its original location. Torque the outlet assembly clockwise to approximately 40 - 80 in•lbs (4.5 - 9.0 N•m).
- C. If there is a "HI" or "LO" marking on the outlet assembly, tighten the outlet assembly clockwise until the marking is visible on the top surface of the outlet assembly. The top surface of the outlet assembly is visible when looking at the regulator end of the portable oxygen unit.

12. Outlet Assembly Marking

Some of the outlet assemblies referenced in this SIL must have a "HI" or "LO" marking on the outside of the outlet body after assembly into the portable oxygen unit. The marking must be applied to a position that is clearly visible on the top of the outlet assembly (after it is tightened into position) using etching ink of the correct color. The top surface of the outlet assembly is visible when looking at the regulator end of the portable oxygen unit.

If an outlet assembly referenced in this SIL is not marked with a "HI" or "LO" marking, perform the steps in the applicable paragraph below.

A. Outlet Assembly Marking for 803240 Series Cylinder Assembly

There is no marking required for these portable oxygen units. The outlet assemblies have decals attached that indicate the specific flow rate setting of each outlet assembly. For damaged or missing decals, refer to the applicable CMM given in Effectivity, Effected Portable Oxygen Units, on page 1.

B. Outlet Marking for 5500, 5600, 9700, and 9800 Series Cylinder Assembly

Visually inspect the flow rate settings that are stamped into the outlet body of the outlet assemblies. For an illustration of the typical location of the flow rate and altitude settings on the outlet body, refer to Figure 1 on page 4.

If there is only one outlet assembly attached to the portable oxygen unit, or two or three outlet assemblies that have the same flow rate setting attached to the unit, then there are no "HI" or "LO" markings required on the outlet bodies.

If there are two or more outlet assemblies attached to the portable oxygen unit and at least two are different, put a "HI" mark on the top of the outlet assembly(s) with the highest flow rate setting using **red** etching ink and a rubber ink stamp. Put a "LO" mark on the top of the outlet assembly(s) with the lowest flow rate setting using a rubber ink stamp and **red** etching ink for the 5500 and 5600 Series or **green** etching ink for the 9700 and 9800 Series Cylinder Assemblies.

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APPENDIX A

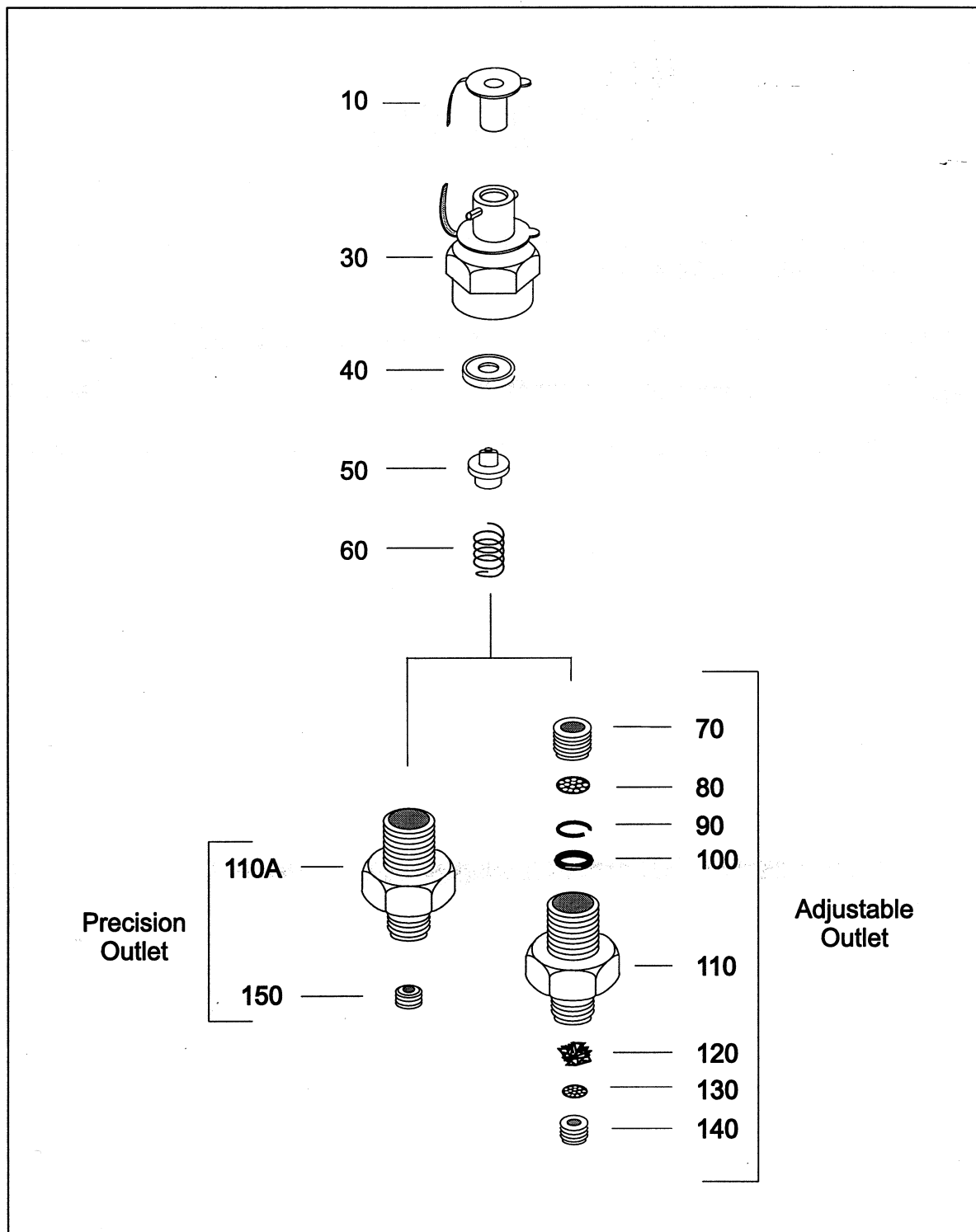
This Appendix contains a reference of the illustrations and the part numbers for the 5009, 5041, and 5507 Series Outlet Assemblies.

Figure A1 is an illustration of the 5009 Series Outlet Assembly and its list of parts.

Figure A2 is an illustration of the 5041 Series Outlet Assembly and its list of parts.

Figure A3 is an illustration of the 5507 Series Outlet Assembly and its list of parts.

SERVICE INFORMATION LETTER - APPENDIX A



5009 Series Outlet Assembly
Figure A1

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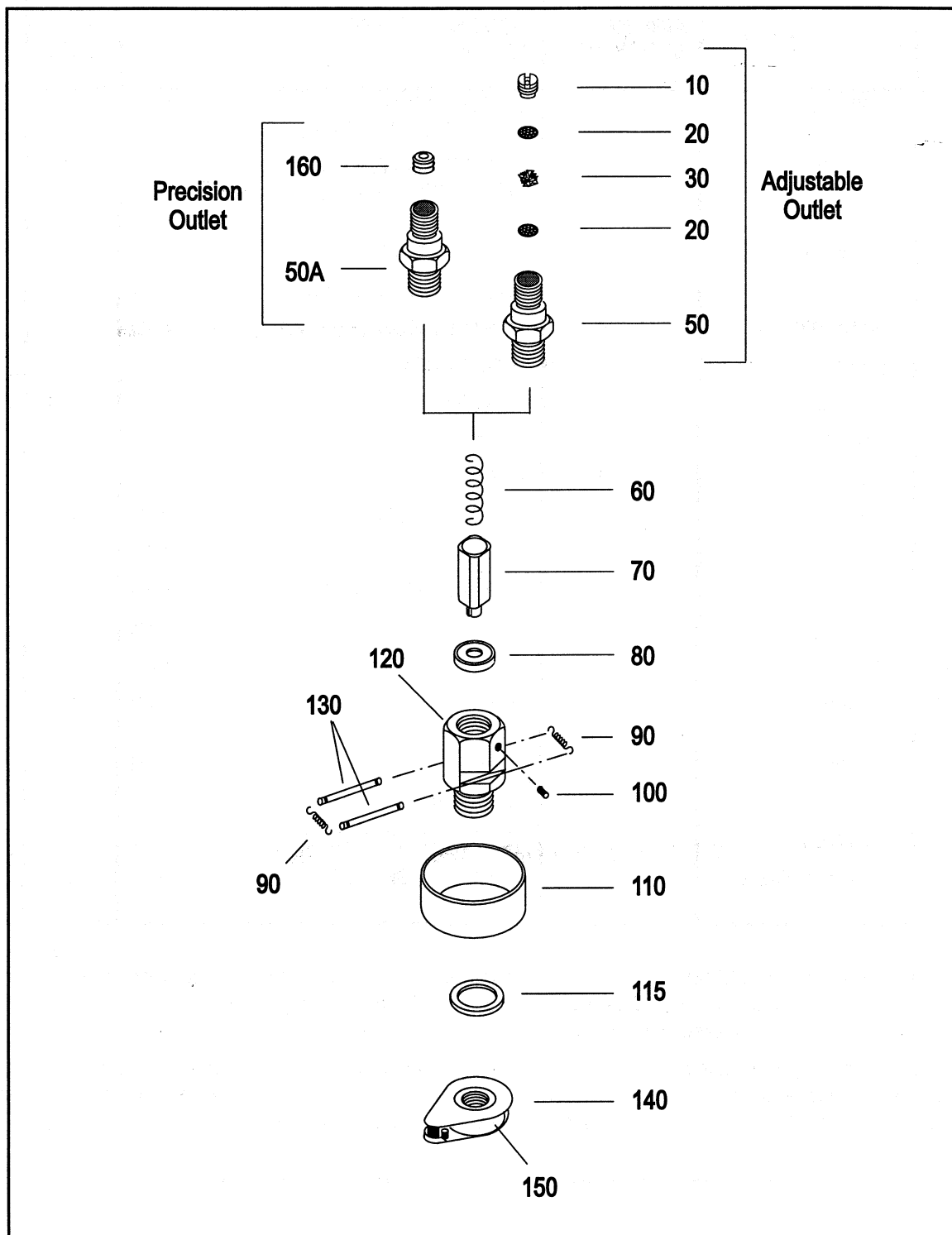
SERVICE INFORMATION LETTER - APPENDIX A

FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1234567	EFF. CODE	UNITS PER ASSY
A1-1	5009-00		OUTLET ASSY (REPLD BY ITEM -1A) NP†	A	RF
-1A	5009SERIES		OUTLET ASSY, SERIES (SPN 5009-□-□) †	B	RF
10	59447-00		• COVER, DUST		1
-20	5009-01		• OUTLET SUBASSEMBLY NP‡	A	1
-20A	804376-01		• OUTLET SUBASSEMBLY NP‡	B	1
30	24825-00		•• RECEPTACLE		1
40	5065-08		•• GASKET		1
50	24823-00		•• VALVE		1
60	5065-06		•• SPRING		1
70	10001493		•• PORT, FLOW NP‡	A	1
80	5065-04		•• FILTER NP‡	A	1
90	5065-02		•• RING, RETAINING NP‡	A	1
100	5065-03		•• GASKET NP‡	A	1
110	10001494		•• STUD NP‡	A	1
110A	10008915		•• STUD NP‡	B	1
120	50330-00		• CORD NP‡	A	AR
130	5013-00		• SCREEN NP‡	A	1
140	5014-00		• SCREEN, ORIFICE ADJ NP‡	A	1
150	50775SERIES		• ORIFICE, SERIES NP‡	B	1

† The 5009-00 and the 5009SERIES are not procurable using the part numbers given, however, refer to Figure 3, Outlet Assembly Part Number Configuration Matrix on page 6 in this SIL for information about how to order an outlet assembly using a complete part number.

‡ This part is not procurable and is either out of production or not available as a separate item. However, a complete outlet assembly is procurable. Refer to Figure 3, Outlet Assembly Part Number Configuration Matrix on page 6 in this SIL for information about how to order an outlet assembly.

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5041 Series Outlet Assembly
Figure A2

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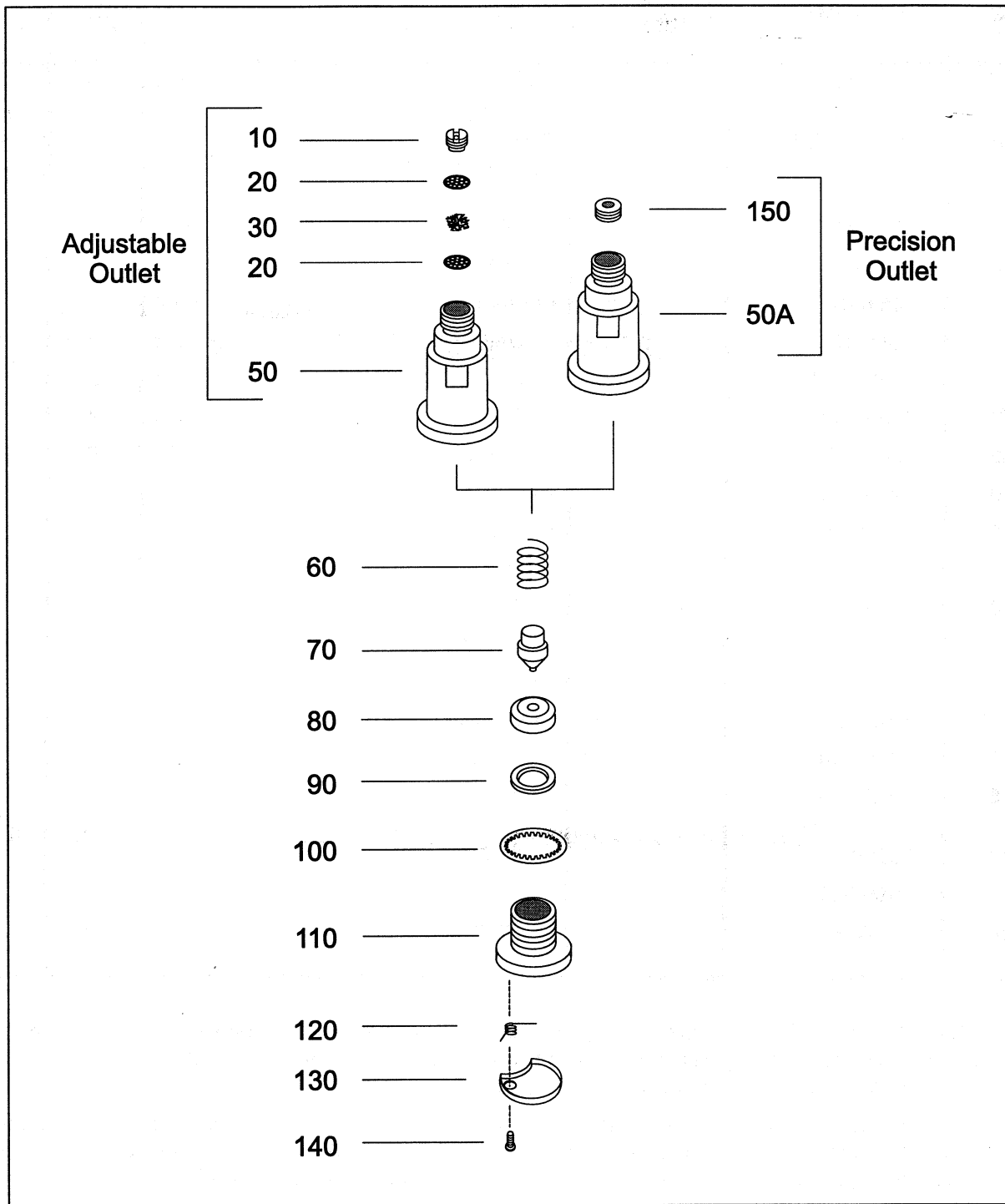
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FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1234567	EFF. CODE	UNITS PER ASSY
A2-1	5041-00		OUTLET ASSY (REPLD BY ITEM -1A) NP†	A	RF
-1A	5041SERIES		OUTLET ASSY, SERIES (SPN 5041-□-□) †	B	RF
10	5014-01		• SCREW NP‡	A	1
20	5013-01		• SCREEN NP‡	A	2
30	50330-00		• CORD NP‡	A	AR
-40	5041-01		• OUTLET SUBASSEMBLY NP‡	A	1
-40A	804329-01		• OUTLET SUBASSEMBLY NP‡	B	1
50	29550-00		•• BODY NP‡	A	1
50A	10008934		•• BODY NP‡	B	1
60	29551-00		•• SPRING		1
70	29552-00		•• VALVE		1
80	29553-01		•• SEAT, VALVE		1
90	29555-00		•• SPRING		2
100	29567-00		•• SETSCREW		1
110	5042-01		•• CAP		1
115	5042-02		•• WASHER		1
120	29554-00		•• CASE		1
130	29556-00		•• PIN		2
140	29558-01		• COVER, DUST		1
150	29557-00		• NUT		1
160	50775SERIES		• ORIFICE, SERIES NP‡	B	1
† The 5041-00 and the 5041SERIES are not procurable using the part numbers given, however, refer to Figure 3, Outlet Assembly Part Number Configuration Matrix on page 6 in this SIL for information about how to order an outlet assembly using a complete part number. ‡ This part is not procurable and is either out of production or not available as a separate item. However, a complete outlet assembly is procurable. Refer to Figure 3, Outlet Assembly Part Number Configuration Matrix on page 6 in this SIL for information about how to order an outlet assembly.					

- ITEM NOT ILLUSTRATED

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5507 Series Outlet Assembly
Figure A3

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FIG. ITEM	PART NUMBER	AIRLINE STOCK NO.	NOMENCLATURE 1234567	EFF. CODE	UNITS PER ASSY
A3-1	5507-00		OUTLET ASSY (REPLD BY ITEM -1A) NP†	A	RF
-1A	5507SERIES		OUTLET ASSY, SERIES (SPN 5507-□-□) †	B	RF
10	5014-01		• SCREW NP‡	A	1
20	5013-01		• SCREEN NP‡	A	2
30	50330-00		• CORD NP‡	A	AR
-40	5533		• OUTLET ASSEMBLY (REPLD BY ITEM -40A) NP‡	A	1
-40A	5533-00		• OUTLET ASSEMBLY (REPLS ITEM -40) NP‡		1
50	10008597		•• BODY NP‡	A	1
50A	10008947		•• BODY NP‡	B	1
60	10008594		•• SPRING, FLOW STOP		1
70	10008603		•• POPPET		1
80	10008602		•• GASKET		1
90	10008601		•• WASHER		1
100	10008774		•• WASHER, FLATTENED		1
110	804201-01		•• ADAPTOR ASSEMBLY, THREADED		1
120	10008596		•• SPRING, TORSION	B	1
130	10008595		•• COVER, DUST	B	1
140	10008660		•• SCREW, FILLISTER HD WITH INSERT	B	1
150	50775SERIES		• ORIFICE, SERIES NP‡	B	1

† The 5507-00 and the 5507SERIES are not procurable using the part numbers given, however, refer to Figure 3, Outlet Assembly Part Number Configuration Matrix on page 6 in this SIL for information about how to order an outlet assembly using a complete part number.

‡ This part is not procurable and is either out of production or not available as a separate item. However, a complete outlet assembly is procurable. Refer to Figure 3, Outlet Assembly Part Number Configuration Matrix on page 6 in this SIL for information about how to order an outlet assembly.

- ITEM NOT ILLUSTRATED

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1	1000	1000
2	1000	1000
3	1000	1000
4	1000	1000
5	1000	1000
6	1000	1000
7	1000	1000
8	1000	1000
9	1000	1000
10	1000	1000
11	1000	1000
12	1000	1000
13	1000	1000
14	1000	1000
15	1000	1000
16	1000	1000
17	1000	1000
18	1000	1000
19	1000	1000
20	1000	1000
21	1000	1000
22	1000	1000
23	1000	1000
24	1000	1000
25	1000	1000
26	1000	1000
27	1000	1000
28	1000	1000
29	1000	1000
30	1000	1000
31	1000	1000
32	1000	1000
33	1000	1000
34	1000	1000
35	1000	1000
36	1000	1000
37	1000	1000
38	1000	1000
39	1000	1000
40	1000	1000
41	1000	1000
42	1000	1000
43	1000	1000
44	1000	1000
45	1000	1000
46	1000	1000
47	1000	1000
48	1000	1000
49	1000	1000
50	1000	1000
51	1000	1000
52	1000	1000
53	1000	1000
54	1000	1000
55	1000	1000
56	1000	1000
57	1000	1000
58	1000	1000
59	1000	1000
60	1000	1000
61	1000	1000
62	1000	1000
63	1000	1000
64	1000	1000
65	1000	1000
66	1000	1000
67	1000	1000
68	1000	1000
69	1000	1000
70	1000	1000
71	1000	1000
72	1000	1000
73	1000	1000
74	1000	1000
75	1000	1000
76	1000	1000
77	1000	1000
78	1000	1000
79	1000	1000
80	1000	1000
81	1000	1000
82	1000	1000
83	1000	1000
84	1000	1000
85	1000	1000
86	1000	1000
87	1000	1000
88	1000	1000
89	1000	1000
90	1000	1000
91	1000	1000
92	1000	1000
93	1000	1000
94	1000	1000
95	1000	1000
96	1000	1000
97	1000	1000
98	1000	1000
99	1000	1000
100	1000	1000

The following table shows the results of the experiments conducted on the 1000 subjects. The data is presented in a table with 100 rows and 3 columns. The first column represents the subject number, the second column represents the score, and the third column represents the percentage of correct answers. The data is as follows:

Subject	Score	Percentage
1	1000	1000
2	1000	1000
3	1000	1000
4	1000	1000
5	1000	1000
6	1000	1000
7	1000	1000
8	1000	1000
9	1000	1000
10	1000	1000
11	1000	1000
12	1000	1000
13	1000	1000
14	1000	1000
15	1000	1000
16	1000	1000
17	1000	1000
18	1000	1000
19	1000	1000
20	1000	1000
21	1000	1000
22	1000	1000
23	1000	1000
24	1000	1000
25	1000	1000
26	1000	1000
27	1000	1000
28	1000	1000
29	1000	1000
30	1000	1000
31	1000	1000
32	1000	1000
33	1000	1000
34	1000	1000
35	1000	1000
36	1000	1000
37	1000	1000
38	1000	1000
39	1000	1000
40	1000	1000
41	1000	1000
42	1000	1000
43	1000	1000
44	1000	1000
45	1000	1000
46	1000	1000
47	1000	1000
48	1000	1000
49	1000	1000
50	1000	1000
51	1000	1000
52	1000	1000
53	1000	1000
54	1000	1000
55	1000	1000
56	1000	1000
57	1000	1000
58	1000	1000
59	1000	1000
60	1000	1000
61	1000	1000
62	1000	1000
63	1000	1000
64	1000	1000
65	1000	1000
66	1000	1000
67	1000	1000
68	1000	1000
69	1000	1000
70	1000	1000
71	1000	1000
72	1000	1000
73	1000	1000
74	1000	1000
75	1000	1000
76	1000	1000
77	1000	1000
78	1000	1000
79	1000	1000
80	1000	1000
81	1000	1000
82	1000	1000
83	1000	1000
84	1000	1000
85	1000	1000
86	1000	1000
87	1000	1000
88	1000	1000
89	1000	1000
90	1000	1000
91	1000	1000
92	1000	1000
93	1000	1000
94	1000	1000
95	1000	1000
96	1000	1000
97	1000	1000
98	1000	1000
99	1000	1000
100	1000	1000